

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 06-016848

(43)Date of publication of application : 25.01.1994

(51)Int.Cl.

C08J 7/04

B32B 9/04

B32B 27/06

B65D 65/40

C23C 14/30

(21)Application number : 03-163829

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(22)Date of filing : 07.06.1991

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(54) GAS-BARRIER FILM AND ITS PRODUCTION

(57)Abstract:

PURPOSE: To obtain a transparent film excellent in oxygen barrier properties and useful for retortable pouch by forming a thin film of a specified inorganic oxide on at least either surface of a plastic film.

CONSTITUTION: A thin inorganic oxide film containing at least 30wt.% Si and its oxide and at most 70wt.% another inorganic substance and/or an inorganic oxide (e.g. MgO) and containing 0.1-10wt.% at least one member (e.g. Na₂SiO₃) selected from among an alkali (alkaline earth) metal, a substantially basic substance and oxides thereof is formed on at least either surface of a plastic film (e.g. PET film).

LEGAL STATUS

[Date of request for examination] 18.05.1998

[Date of sending the examiner's decision of rejection] 20.04.2001

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number] 3267637

[Date of registration] 11.01.2002

[Number of appeal against examiner's decision of rejection] 2001-08038

[Date of requesting appeal against examiner's decision of rejection] 15.05.2001

[Date of extinction of right]